

WHAT IS CLAIMED IS:

1. A method of preventing a duplicate recording of a broadcasting program, comprising:

(a) before entering a recording mode, reading additional information corresponding to a to-be-recorded broadcasting program from an additional information storing unit, the additional information including title information and summary information;

(b) searching a recording unit and determining whether the recording unit stores title information corresponding to the to-be-recorded broadcasting program;

(c) if the title information corresponding to the to-be-recorded broadcasting program is detected from the recording unit in operation (b), comparing summary information included in the additional information read in operation (a) with that stored in the recording unit in connection with the detected title information, and then calculating a correspondence ratio; and

(d) comparing the correspondence ratio calculated in operation (c) with a predetermined reference value, and if the correspondence ratio is less than the predetermined reference value, entering the recording mode to enable recording of the to-be-recorded broadcasting program on the recording unit.

2. The method of claim 1, wherein the title information includes sub-title information.

3. The method of claim 1, further comprising producing a message informing that there is a broadcasting program already recorded in the recording unit, which broadcasting program may be identical to the to-be-recorded broadcasting program, when the correspondence ratio is greater than the predetermined reference value in operation (d).

4. An apparatus to prevent a duplicate recording of a broadcasting program, comprising:

a broadcasting signal receiving unit configured to select and to demodulate only broadcasting signals that correspond to a selected channel from received broadcasting signals, in accordance with a channel control signal;

an additional information storing unit configured to store additional information selected from the broadcasting signals received through the broadcasting signal receiving unit;

a recording unit configured to store a broadcasting program; and

a controller configured to implement control processes including reading additional information corresponding to a to-be-recorded broadcasting program from the additional information storing unit before entering a recording mode,

the additional information including title information and summary information; searching the recording unit to determine whether the recording unit stores title information corresponding to the to-be-recorded broadcasting program; if the title information corresponding to the to-be-recorded broadcasting program is detected from the recording unit, comparing summary information included in the additional information read from the additional information storing unit with that stored in the recording unit in connection with the detected title information and then calculating a correspondence ratio; and comparing the calculated correspondence ratio with a predetermined reference value, and if the calculated correspondence ratio is less than the predetermined reference value, entering the recording mode to enable recording of the to-be-recorded broadcasting program on the recording unit.

5. The apparatus of claim 4, wherein the title information includes sub-title information.

6. The apparatus of claim 4, wherein the controller further implements a control process of producing a message informing that there is a broadcasting program already recorded in the recording unit, which broadcasting program may be identical to the to-be-recorded broadcasting program, when the correspondence ratio is greater than the predetermined reference value.

7. The apparatus of claim 4, wherein the recording unit is a hard disc drive.

8. The apparatus of claim 4, wherein the summary information includes at least one of program date information, program time information, and program length information.

9. A method of preventing duplicate recording of a broadcasting program, comprising:

(a) before executing a recording command, reading additional information corresponding to a to-be-recorded broadcasting program from an additional information storing unit, the additional information including title information;

(b) searching a recording unit and determining whether the recording unit stores title information corresponding to the to-be-recorded broadcasting program;

(c) if the title information corresponding to the to-be-recorded broadcasting program is detected from the recording unit in operation (b), ignoring the recording command.

10. The method of claim 9, wherein the title information includes information on a sequence number of the to-be-recorded broadcasting program.

11. An apparatus to prevent duplicate recording of a broadcasting program, comprising:

a broadcasting signal receiving unit configured to select and to demodulate only broadcasting signals that correspond to a selected channel from received broadcasting signals, in accordance with a channel control signal;

an additional information storing unit configured to store additional information selected from the broadcasting signals received through the broadcasting signal receiving unit;

a recording unit configured to store a broadcasting program; and

a controller configured to implement control processes including (a) before executing a recording command, reading additional information corresponding to a to-be-recorded broadcasting program from a additional information storing unit, the additional information including title information; (b) searching a recording unit and determining whether the recording unit stores title information corresponding to the to-be-recorded broadcasting program; and (c) if the title information corresponding to the to-be recorded broadcasting program is detected from the recording unit in operation (b), ignoring the recording command.

12. The apparatus of claim 11, wherein the title information includes information on a sequence number of the to-be-recorded broadcasting program.

13. An apparatus to prevent a duplicate storing of a transmitted program, the apparatus comprising:

a signal detector configured to detect additional information associated with the transmitted program, the additional information comprising at least title information and auxiliary information; and

a controller configured to determine if the title information of the transmitted program detected by the signal detector corresponds to title information of a stored program retrieved from an additional information storing unit and, if so, to determine a similarity between the auxiliary information of the transmitted program and auxiliary information of the stored program retrieved from the additional information storing unit, and to output an output signal to enable recording of the transmitted program if it is judged, based on the similarity between the auxiliary information of the transmitted program and the auxiliary information of the stored program, that the transmitted program is to be stored.

14. The apparatus of claim 13, wherein the similarity determination between the auxiliary information of the transmitted program and the auxiliary information of the stored program includes calculating a correspondence ratio between the auxiliary information of the transmitted program and the auxiliary information of the stored program, and comparing the calculated correspondence ratio with a predetermined reference value.

15. The apparatus of claim 13, wherein the title information includes program sequence number information.

16. The apparatus of claim 13, wherein the broadcasting program is one of a television frequency signal and a cable signal.

17. The apparatus of claim 13, wherein the auxiliary information includes at least one of summary information, program date information, program time information, and program length information.